

Message

From: Marr, Suzanne [Marr.Suzanne@epa.gov]
Sent: 3/28/2019 7:28:03 PM
To: Gorke, Roger [Gorke.Roger@epa.gov]; Smith, DavidW [Smith.DavidW@epa.gov]
CC: Kozelka, Peter [Kozelka.Peter@epa.gov]; bruce.macler@waterboards.ca.gov; Odusoga, Abimbola [ODUSOGA.ABIMBOLA@EPA.GOV]; Ely, Charlotte@Waterboards [Charlotte.Ely@Waterboards.ca.gov]
Subject: RE: R9 Reuse and Water Loss Activities

Also, if we stretch stormwater to floodplains (too much of a stretch?)...., floodplain protection and floodwater capture work provides great opportunities for building interagency bridges with

- FEMA floodplain project funding folks and
- ACOE Silver Jackets interagency work

where we get a lot of results for a limited amount of EPA tech assistance resources and usually with no EPA funding required (except for work hours and some travel funds if available).

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From: Gorke, Roger
Sent: Thursday, March 28, 2019 12:20 PM
To: Smith, DavidW <Smith.DavidW@epa.gov>
Cc: Marr, Suzanne <Marr.Suzanne@epa.gov>; Kozelka, Peter <Kozelka.Peter@epa.gov>; bruce.macler@waterboards.ca.gov; Odusoga, Abimbola <ODUSOGA.ABIMBOLA@EPA.GOV>; Ely, Charlotte@Waterboards <Charlotte.Ely@Waterboards.ca.gov>
Subject: Re: R9 Reuse and Water Loss Activities

This are all great suggestions. One to add related to storm water is that capturing SW for reuse fits squarely into our "core" programs in that capturing the water reducing runoff and improves water quality. This, it helps meet MS4 permit limits.

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On Mar 28, 2019, at 11:11 AM, Smith, DavidW <Smith.DavidW@epa.gov> wrote:

Some initial thinking on an R9 Reuse Plan. Likely needs to be paired down, but want to make the business case that there are a lot of needs and ways we can add value. Your reactions?

-----Original Message-----

From: Marr, Suzanne

Sent: Thursday, March 28, 2019 11:07 AM

To: Kozelka, Peter <Kozelka.Peter@epa.gov>; Smith, DavidW <Smith.DavidW@epa.gov>;
bruce.macler@waterboards.ca.gov; Gorke, Roger <Gorke.Roger@epa.gov>; Odusoga, Abimbola
<ODUSOGA.ABIMBOLA@EPA.GOV>; Ely, Charlotte@Waterboards <Charlotte.Ely@Waterboards.ca.gov>
Subject: RE: R9 Reuse and Water Loss Activities

PK - good points on

- Given the recent broad announcement by 100 congresspeeps to improve water infrastructure in the West ... encourage HQ to focus WIFIA projects on water reuse/efficiency.

And

- we could encourage/promote/clarify communication w/ other partners on relative risk of reuse

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-----Original Message-----

From: Kozelka, Peter

Sent: Thursday, March 28, 2019 10:29 AM

To: Marr, Suzanne <Marr.Suzanne@epa.gov>; Smith, DavidW <Smith.DavidW@epa.gov>;
bruce.macler@waterboards.ca.gov; Gorke, Roger <Gorke.Roger@epa.gov>; Odusoga, Abimbola
<ODUSOGA.ABIMBOLA@EPA.GOV>; Ely, Charlotte@Waterboards <Charlotte.Ely@Waterboards.ca.gov>
Subject: RE: R9 Reuse and Water Loss Activities

My first rxn is how do we support States in their efforts; maybe state specific. HI has been tossing water reuse around and I'm not aware of DOH's specific projects or desired outcomes.

CA and AZ are already moving along on these topics. Others will have more significant input.

Q- is there something within ag community = lettuce and spinach growers reuse of washwater that we could delve into? Presumbaly, CA and AZ actively involved already so perhaps too many cooks.

Given the recent broad announcement by 100 congresspeeps to improve water infrastructure in the West, perhaps we encourage HQ to focus WIFIA projects on water reuse/efficiency.

City of San Diego's Pure Water project is prime example.

IMHO, we could encourage/promote/clarify communication w/ other partners on relative risk of reuse; thereby expanding public perception and acceptance.

Me thinks this is worthy of more group discussion.

-----Original Message-----

From: Marr, Suzanne

Sent: Thursday, March 28, 2019 9:02 AM

To: Smith, DavidW <Smith.DavidW@epa.gov>; bruce.macler@waterboards.ca.gov; Gorke, Roger
<Gorke.Roger@epa.gov>; Odusoga, Abimbola <ODUSOGA.ABIMBOLA@EPA.GOV>; Ely,
Charlotte@Waterboards <Charlotte.Ely@Waterboards.ca.gov>; Kozelka, Peter
<Kozelka.Peter@epa.gov>

Subject: RE: R9 Reuse and Water Loss Activities

I do not have details for you on

- water use efficiency
- water reuse
- stormwater capture

The main project on water reuse in one of my geo. zones is Morro Bay WWTP that is working on a WFIA grant to move their WWTP up hill, and away from a tsunami zone and switch discharge to reuse. However the region has little involvement since HQ holds that program very close.

Encouraging folks to rebuild post-disaster with more sustainable water systems (DW and WW) is likely not specific enough at present for your needs.

None the less, we need to develop a better portfolio or menu of information for rebuilds for DW and WW and SW systems (the facility sites and the linear infrastructure) and funding sources, in order to help communities have more sustainable water systems.

This would help us provide information to communities.

We could point to a previous strategy item of posting relevant links and document on our water division SharePoint site for R9 water staff to pull from.

The challenges are:

- the topic areas are vast , new documents come out all the time and keeping up with the state of the art is a big challenge
- we do not need to write a new document to add to the pile,
- we would hope to provide ourselves and communities with links to useful information along with some contacts for more specific advice and
- be conversant enough ourselves to see when there is a need and what direction to go to find a potential solution

There is existing information to link to such as:

- national information on funding water systems (a la David Goldbloom-Helzner from EPA HQ - working as a Sustainability Advisor on the Camp Fire) and
- FEMA grants and various documents on Stormwater and Green Infrastructure, including how to fund them with FEMA \$.

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-----Original Message-----

From: Smith, DavidW

Sent: Thursday, March 28, 2019 8:10 AM

To: bruce.macler@waterboards.ca.gov; Marr, Suzanne <Marr.Suzanne@epa.gov>; Gorke, Roger <Gorke.Roger@epa.gov>; Odusoga, Abimbola <ODUSOGA.ABIMBOLA@EPA.GOV>; Ely, Charlotte@Waterboards <Charlotte.Ely@Waterboards.ca.gov>; Kozelka, Peter <Kozelka.Peter@epa.gov>

Subject: R9 Reuse and Water Loss Activities

Hi folks

I'm meeting regularly w Tomas on water reuse, trading, and sustainability. We'd like to ID more specifically what R9 folks should be doing to advance water use efficiency, reuse, and SW capture. This is our opportunity to make a business case for staffing these needs, so I need your help! What specifically are high priority needs for our support and leadership? What are we doing right now in these areas? What value will these actions add? How will they help us advance our core programs? Pls email

me your ideas ASAP. I will share some of mine later today. Soon, I will pull these ideas into a revised Sustainability team plan. Many thanks Dave

Sent from my iPhone

<Region 9 Reuse Plan.docx>